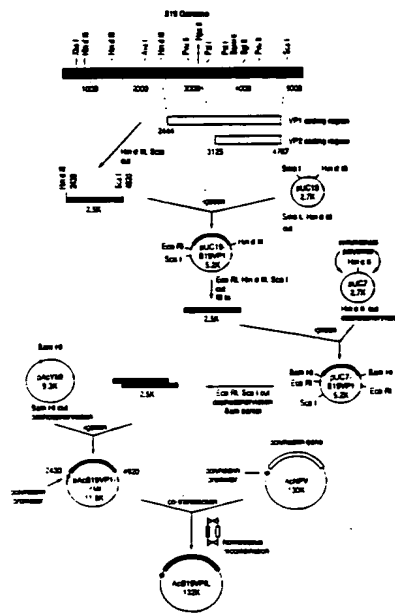


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(30) Priority data: 8902301 14 September 1989 NL (14.09.89)	(54) Title: HUMAN PARVOVIRUS B19 PROTEINS AND VIRUS-LIKE PARTICLES, THEIR PRODUCTION AND THEIR USE IN DIAGNOSTIC ASSAYS AND VACCINES		
(71) Applicant (for all designated States except US): RIJKSUNIVERSITEIT TE LEIDEN [NL/NL]; Stationsweg 46, NL-2312 AV Leiden (NL).	(57) Abstract The invention relates to the coat proteins VP1 and VP2 of the human parvovirus B19 and virus-like particles consisting of VP2 or of VP1 and VP2. The invention further comprises genetic information in the form of recombinant expression vectors which contain the genes coding for said proteins, and organisms which through genetic manipulation using such vectors have acquired the ability to produce such proteins and/or particles. The invention further comprises uses of such proteins and virus-like particles for diagnostics or vaccination.		
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(30) Priority data: 408,056 15 September 1989 US (15.09.89)	(54) Title: POLYGALACTURONASE GENE FROM ERWINIA CAROTOVORA AND ITS MOLECULAR CLONING	
(71) Applicant: GENESIT OY [FI/FI]; Valimotie 7 D, SF-00380 Helsinki (FI).	(57) Abstract A DNA sequence encoding the enzyme polygalacturonase is provided. The sequence was isolated from <i>Erwinia carotovora</i> subsp. <i>carotovora</i> and cloned in <i>Escherichia coli</i> . The invention relates to vectors, such as plasmids, comprising the sequences of the present invention, and to host cells transformed with such vectors. By means of the invention polygalacturonase can be synthesized in and secreted from host cells. Use of GRAS-status host cells provides polygalacturonase suitable for use in food processing.	
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